



**Scissors**

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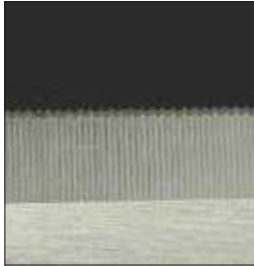
PH-57

COMBINATION SCISSORS DP

- 2-in-1 anti-slip serrations and U-shaped blade
- 3mm-thick durable blades, made of stainless steel

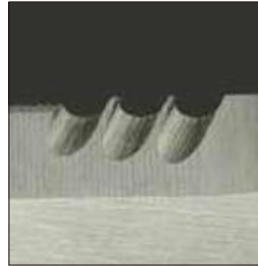


Micro-serrations  
(Serration pitch 0.5mm)



Hold the object without slippage such as Aramid fiber, plastic plate, etc.

U-shaped blade



Ideal for power supply cord, coaxial cable, rope, etc.

TPR cushioned handles



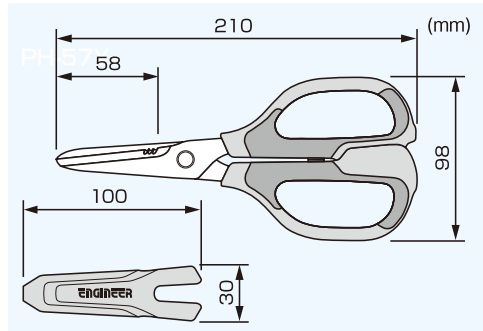
Comfort gripping

Finger pinch guard



The overlapping guard prevents your fingers from being pinched **PAT.**

Cutting capacity (Reference only)



※ Do not apply Copper or Steel wire to the Micro-serration to keep the life of main blades.  
 ※ Heat-treated or specially-hardened wire is not applicable for cutting. It may damage the blades.

Item No.	Size	Hardness	Material	Wgt.
PH-57	210mm	HRC56±2	Blades: Stainless Steel Handles: ABS & TPR Cap: ABS	136g

SCREW REMOVAL

SCISSORS

NIPPERS

PLIERS

CRIMPING STRIPPING

TWEEZERS

SCREW DRIVERS

SPECIAL DRIVERS

WRENCHES

CUTTING PROCESSING

SETS CASES

SOLDERING EQUIPMENT

ESD CHEMICALS

**PH-56R·PH-56G·PH-56Y**

**COMBINATION SCISSORS MP**

- 2-in-1 anti-slip serrations and U-shaped blade
- 2.5mm-thick blades, made of stainless steel

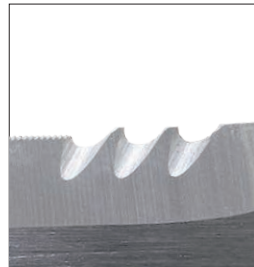


**Nano-serrations**  
(Serration pitch 0.3mm)



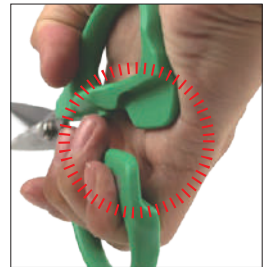
Hold the object without slippage such as Aramid fiber, plastic plate, etc.

**U-shaped blade**



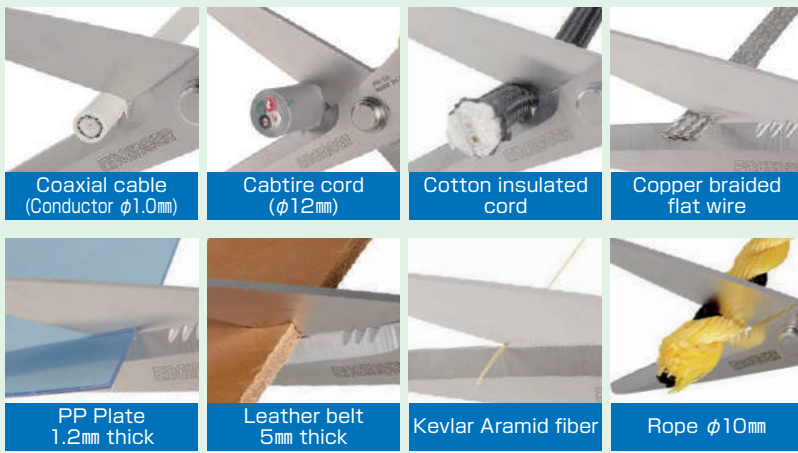
Ideal for power supply cord, coaxial cable, rope, etc.

**Finger pinch guard**



The overlapping guard prevents your fingers from being pinched **[PAT.]**

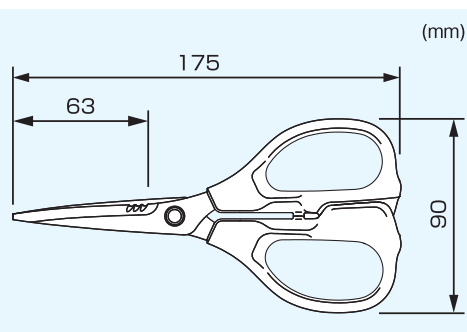
**Cutting capacity (Reference only)**



**Color variations**



※Do not apply Copper or Steel wire to the Micro-serration to keep the life of main blades.  
 ※Heat-treated or specially-hardened wire is not applicable for cutting. It may damage the blades.



Item No.	Size	Hardness	Material	Wgt.
PH-56R	175mm	HRC56+2	Blades: Stainless Steel Handles: ABS	75g
PH-56G				
PH-56Y				

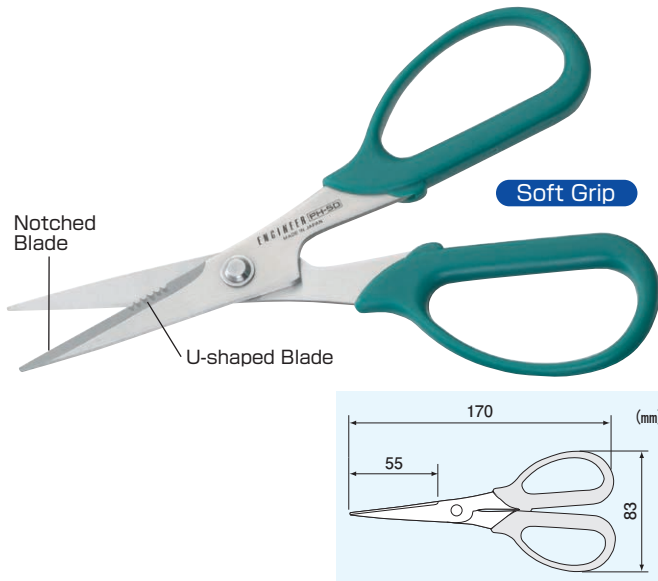


**PH-50**

**COMBINATION SCISSORS**

**2-in-1 Unique cutting blade**

- Trimming various objects which you could not cut with ordinary scissors such as nylon fiber, cabtire cord, etc.
- Fine and flush cut of copper wire or conductor in finishing even compared with the counterparts cut with cutting pliers
- Ideal for professional electricians as well as for hobby use.



**Notched Blade**

Notched blades prevent the object from slipping



Trimming Nylon or Kevlar fiber without slipping



Copper braided flat wire



Aluminum sheet

**PH-50 Notched Blade Cutting Capacity**

Nylon/Kevlar fiber	Various types
Copper braided wire	0.5mm max.
Aluminum/Copper sheet	1.0mm max.
Plastic plate / PET	1.0mm max.

**U-shaped Blade**



Sharp cut against insulated cord with rubber or cotton braided

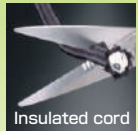
U-shaped notches hold cord firmly



Cabtire cord



Copper wire



Insulated cord

**PH-50 U-shaped Blade Cutting Capacity**

Copper wire	φ1.5mm max.
Cabtire cord	Various types
Cotton braided cord	
Cotton insulated cord	

※Do not use U-shaped blade for cutting Aluminum or Copper sheet, which may damage the blade.

Item No.	Size	Hardness	Material	Wgt.
PH-50	170mm	HRC54±2	Handles:PE Blades:Stainless Steel	58g

**PH-55**

**COMBINATION SCISSORS GT**

**4-in-1 Blade combination, Compact Body to Generate More Force!!**

- Cut various materials cleanly
- Safely-designed and comfortable handles
- Blade cap with vent & drain holes
- Rust proof stainless steel body
- Applicable to professional users and hobbyist

**Anti-slip Handle**



You can grasp the outer rim of the handles safely when the work requires a strong grip.



**Micro-serration (Serration pitch 1.0mm)**



Holds the object without slipping

**Finger Pinch Guard**



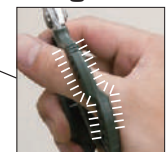
The overlapping guard prevents your fingers being pinched in the handles. **[PAT.]**

**Flat Blade**



Smooth cutting not only of cloth but also of paper

**S-shaped Design**



The unique form transmits gripping power efficiently to the shears.

**Wire Cutter**



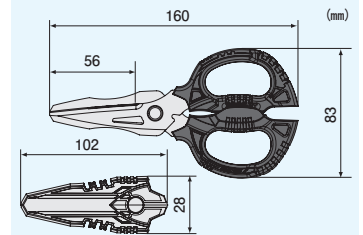
Handy cutting blades for copper or steel wire

**Safety Box Opener**



Convenient to open carton boxes with ease

Cutting Capacity (Reference)			
Micro-serration		Wire Cutter	
Rope	Cabtire cord	Cotton insulated	Copper wire
φ10mm	φ9mm	φ8mm	φ1.6mm
Leather belt	CD-Card	Carpet	Wire
4mm thick	1.2mm thick	5mm thick	φ1.2mm



Item No.	Size	Hardness	Material	Wgt.
PH-55	160mm	HRC56±2	Cap & Handles:PBT Blades:Stainless Steel	120g

※Do not apply Copper or Steel wire to the Micro-serration to keep the life of main blades.  
※Heat-treated or specially-hardened wire is not applicable for cutting. It may damage the blades.

SCREW REMOVAL

SCISSORS

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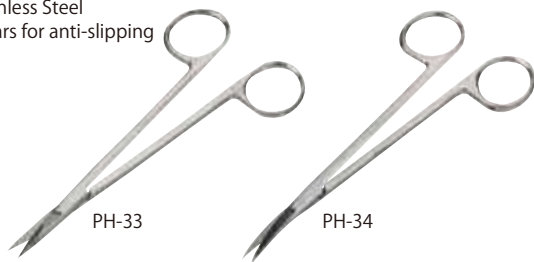
SOLDERING EQUIPMENT

ESD CHEMICALS

PH-33•34

 ELECTRONIC SNIPS

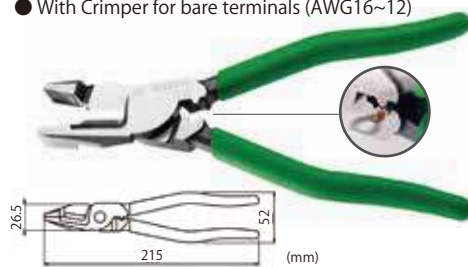
- Ideal for delicate cutting for PCB related work.
- PH-33 (straight) / PH-34 (curved)
- Length: 145mm
- Material: Stainless Steel
- Serrated shears for anti-slipping



PZ-79

 SHEAR PLIERS

- Cuts PVC insulated 3-core wire easily with one hand.
- Cross-hatched jaws to hold a thin plate, tie band, etc.
- Vertically-serrated screw extractor inside the jaws
- With Crimper for bare terminals (AWG16~12)



PK-50•51

 CABLE SHEARS

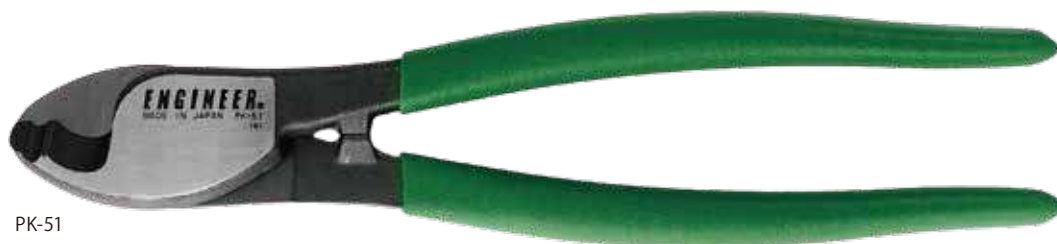
- Makes a fine cut surface owing to the curved blades
- High leverage for easy operation



PK-50



Vinyl Insulated



PK-51



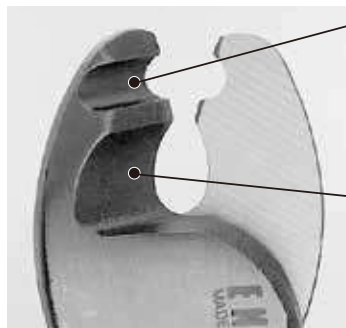
Cable Tire



Flat Cable



Coaxial Cable

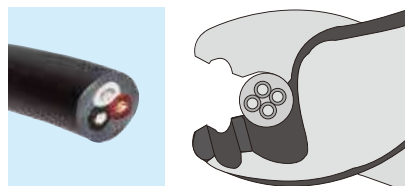


■ Foremost Blades  
Wire cutter suitable for copper wires

■ Main Blade (Rearmost)  
Curved blades suitable for insulated cables, make a fine cut surface.  
Flat cables, Coaxial cables, Power supply cords, LAN cables, etc. are also applicable.

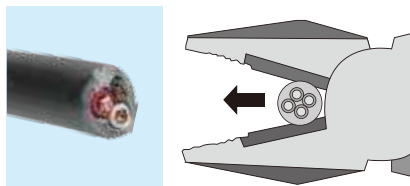
Comparison of Cut Surface

Cable Shears



The curved blades can hold a cable securely and the shears mechanism enables you to make a cut surface finely.

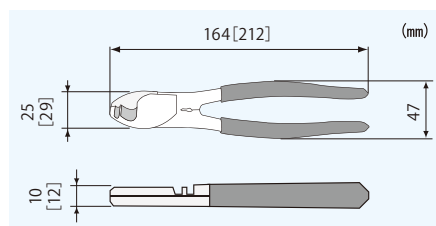
Conventional Pliers



The pressure given from flat blades crushes a cable or it may slip sideways.



Item No.	Size	Hardness	Cutting Capacity			Wgt.
			Vinyl insulated Cable		Flat Cable	
PK-50	164mm	HRC58±4	9mm outside diameter	22mm	φ2.0mm×2core	150g
PK-51	212mm	HRC58±4	11mm outside diameter	38mm	φ2.0mm×3core	250g



[ ]:PK-51